

About the event:

The Value-Added Program offers hands-on training in the **Internet of Things (IoT)** with a focus on Introduction to IoT, IoT protocols, Sensor interfacing with Arduino, ESP32, Raspberrypi and Wi-Fi/web integration. The program includes cloud dashboards, Node-RED flow programming, and MQTT communication for real-time data transfer. Special emphasis is given to IoT applications in different environments. Learners will also explore Python programming on Data Analytics for IoT projects. A practical, project-driven approach ensures industry-ready skills in IoT.

This value-added course, planned to be conducted on week-ends preferably, will equip participants with **Hands-on IoT skills**, bridging theory with real-world applications. With relevant tools and hands-on projects, students gain **job-ready expertise for diverse IoT applications**.

Sessions Planned:

- Introduction to IoT.
- Interfacing sensors with Cloud.
- Node-RED with use-cases.
- Data Analytics
- IoT projects in different environments.

Mode: Blended mode

Offline Venue: PRP 108

Time: 10:00 AM to 01:00 PM

Online Platform: Microsoft Teams

Time: 07:30 PM to 09:30 PM

Registration Link:

(Last Date: 15th August 2026)

<https://events.vit.ac.in/>

Advisory Committee:

Dr. M. Jasmin Pemeena Priyadarisini

Professor and Dean,
School of Electronics Engineering (SENSE),
Vellore Institute of Technology, Vellore, India.

Dr. D. Kannadasan / HoD

Department of Communication Engineering,
SENSE, VIT Vellore.

Dr. S. Sundar / HoD

Department of Embedded Technology,
SENSE, VIT Vellore.

Coordinators:

Dr. K.C. Sriharipriya, Associate Professor

Dr. J. Christopher Clement, Professor

Dr. G. Sumathi, Assistant Professor

School of Electronics Engineering,
Vellore Institute of Technology, Vellore – 632 014.

Contact Numbers: 9865733011 / 9789340886

Mail: sriharipriya.kc@vit.ac.in

sumathi.g@vit.ac.in

christopher.clement@vit.ac.in

Resource Persons from:

Vellore Institute of Technology, Vellore

Vellore Institute of Technology, Chennai.



Registration fees for Participants

UG / PG Students : Rs. 350/-

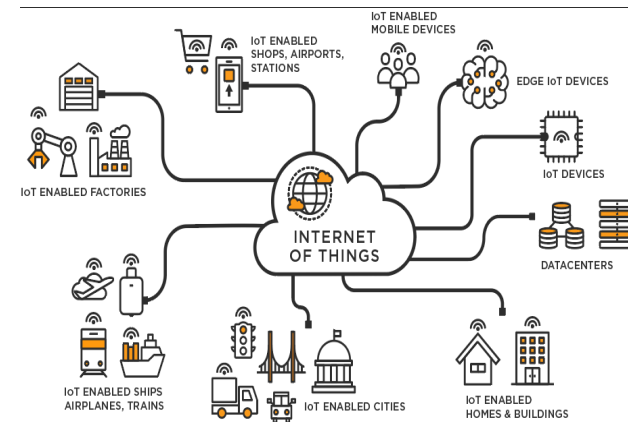
Research Scholars : Rs. 500/-



Value Added Course

on

VAC2355: Internet of Things



**22nd August 2026 to
01st November 2026**

**Organized by
Department of
Communication Engineering
&**

**Department of Embedded
Technology
School of Electronics Engineering
(SENSE)**

**Vellore Institute of
Technology, Vellore**

Sessions are planned to be conducted during the Week-ends and evenings (according to flexible timings of students).

E Certificates will be provided Special Consultation with Industries for developing own projects.